Name:

p1103: Expand Product of Linear Binomials (v30)

Question 1

Expand the product of linear binomials. $(x+2)(x+3)$

$$x^2+3x+2x+6$$

$$x^2+5x+6$$

Question 2

Expand the product of linear binomials. $(x-1)(x+1)$

$$x^2+x-x-1$$

$$x^2-1$$

Question 3

Expand the product of linear binomials. $(x+1)(x+1)$

$$x^2+x+x+1$$

$$x^2+2x+1$$

Question 4

Expand the product of linear binomials. $(-3x-3)(x-5)$

$$-3x^2+15x-3x+15$$

$$-3x^2+12x+15$$

Question 5

Expand the product of linear binomials. $(-x+2)(-9x+4)$

$$9x^2-4x-18x+8$$

$$9x^2-22x+8$$

Question 6

Expand the product of linear binomials. $(x-3)(x+5)$

$$x^2+5x-3x-15$$

$$x^2+2x-15$$

Question 7

Expand the product of linear binomials. $(-5x-6)(-4x+9)$

$$20x^2-45x+24x-54$$

$$20x^2-21x-54$$

Question 8

Expand the product of linear binomials. $(x+8)(x+2)$

$$x^2+2x+8x+16$$

$$x^2+10x+16$$

Question 9

Expand the product of linear binomials. $(4x+2)(-3x+5)$

$$-12x^2+20x-6x+10$$

$$-12x^2+14x+10$$

Question 10

Expand the product of linear binomials. $(5x-1)(x+3)$

$$5x^2+15x-x-3$$

$$5x^2+14x-3$$